NITE-TIMES NEWS

CHICAGO AREA TIMEX USERS GROUP

MEMORY MAP

C.A.T.U.G. CLUB OFFICERS

Here is the list of 1990 club officers and how to contact them. The club has two strong SIGS, SPECTRUM/TS2068 and QL. If you have questions about either of these fine machines or even the ZX81/TS1000/TS1500 call one of the officers.   C=312, S=708.

POSITION	NAME	PHONE	PRIMARY FUNCTION
President	Butch Weinberg	C373-2470	The buck stops here...
Vice-President	Bob Swoger	S576-8068	Newsletter, BBS, etc.
Secretary	John Donaldson	S232-6147	Records and Reporting
Treasurer	Al Feng	S971-0495	Dues and Purchasing

NITE-TIMES Information

The Nite-Times News is the newsletter of the Chicago Area Timex Users Group. For an annual fee of $10.00 you can become a CATUG member with full membership privileges. Send your dues to :

CATUG Treasure Al Feng
15 Wake Robin Ct.
Woodridge, IL   60517

The Chicago Area Timex Users Group is pleased to exchange newsletters with other Timex and Sinclair supporting users groups at no charge.

     P L E A S E   S E N D   A L L
       N E W S L E T T E R S
      T O   T H E   A D D R E S S
       G I V E N   B E L O W:

It is:
     CATUG -   C/O Bob Swoger
     613 Parkside Circle
     Streamwood, IL   60107

If you desire to reprint any articles that appear here, please provide credit to the author and this newsletter.

We encourage your user group to copy this newsletter and distribute it at your regular meetings to your members free of any charge as we believe that this will encourage better meeting attendance. If you are a user group that feels as we do, please let us know in your newsletter so that we might do this for our members and keep our attendance up.

Articles originating from our group can be had on tape or LarKen Disk for use in Magazines by contacting the editor. As this newsletter can be downloaded from our BBS you may reprint it using this means.

NITE-TIMES CONTRIBUTIONS

If you would like to contribute an ARTICLE to the newsletter upload a file into your CATUG PDP 11/60 account called NITETIMES.ART If you have an AD

for the newsletter put a file in your account called COMPUTER.ADS If you have NEWS to POST about your group, place a file in your account called POST.NWS

These files are gathered by the BBS computer and downloaded to the editor. If you don't have a CATUG account either get one or contact the editor by mail, in person, or by phone:

NITE-TIMES NEWS EDITOR
Bob Swoger
613 Parkside Circle
Streamwood, IL   60107

It is preferred that you call:
H708/837-7957 or W708/576-8068

CONTRIBUTORS TO THIS ISSUE

Butch Weinberg
Al Feng
John Donaldson
Bob Swoger, K9WVY

CLUB MEETINGS

The Chicago Area Timex Users Group meets on the second Saturday of each month at the home of out meeting coordinator Steve Cooper in Downers Grove, Illinois from 1:00 to 5:00 PM. Steve's home is lovingly called the CLUB HOUSE and is located at 1300 Maple Street in Downers Grove just 2 blocks southwest of the Downers Grove Public Library. Steve can be contacted evenings at 708/968-3553.

When visiting be careful of the Dutch Dooooooooorrrrrrrr.......

DATA INTERRUPT

 ! ! SINCLAIR SURVIVALISTS ! !
 ! ! STAND UP AND BE COUNTED ! !

Commit yourself to COME to the SMUG SINCLAIR COMPUTER EXPO ! ! Lets show SMUG that we back their efforts. We at the CATUG will have a table (if there is one left) and will staff it on Saturday for sure. We plan to have at least 9 of our 22 members present. We will get our ticket money in soon so that we will be 'counted' and

hope this will encourage SMUG for the effort they are putting forward on our behalf.

Hope you others will let the SMUG know of your intentions so that the SMUG can tell us all how it is going.

FROM THE EDITOR'S DESK

I see in some of the newsletters we exchange with that some of our TSUGS are going to MS-DOS! I have seen what QL did to our club in the mid 80's and it wasn't good. As a result of the QL coming in, the club was torn apart to some extent. We resolved to get along and some of our members are still using both machines. After our meetings, however, the two SIGS tend to split up and do their own thing.

Since Larry Kenny came out with his disk operating system and LogiCall was developed, there has been no need for TS2068ers to move on to the QL to have power and speed at a reasonable cost, so we remain two separate SIGS.

Some TSUG newsletters have recently written about MS-DOS, ATRIA and COMMODEDOOR in their newsletters and had nothing about TIMEX/SINCLAIR machines! The PRESIDENT of SNUG uses MS-DOS rather than T/S machines to put out the SNUG newsletters and as a result we get no uploads from him for the SNUG BBS!

Guys, are you forgetting your charter? Abraham Lincoln knew his BIBLE when he said "A house divided can not stand!".

If we let MS-DOS in, we might just as well shut our doors to the T/S community. It shall not happen here! We will continue to only talk 'SINCLAIR' and print programs, new or old, about "SINCLAIR' machines as long as we remain alive, this is our commitment.

There are already plenty of MS-DOS groups in the country and if our members wish to

learn MS-DOS they can join them. If they also want to use TIMEX/SINCLAIR they may ALSO come here.

My brother told me about an experience he had in France. He buys and sells coins. Shop keepers refused to talk to him in English! He knows no French. He told them "I have a dog that speaks French fluently. If you want to speak French, you can talk to my dog but if you want to do business, talk to me in ENGLISH!" So my message is, if you want to talk MS-DOS, talk to my dog, but if you want to talk computing speak 'SINCLAIR' to me.

Experience has shown me that once someone gets an MS-DOS machine we never hear from him again, he just seems to fall off the face of the earth! So folks.... read my lips .....

SAY NO TO MS - DOS!
SAY NO TO MS - DOS!
SAY NO TO MS - DOS!
SAY NO TO MS - DOS!

How many times must I say it?

Bob Swoger, Editor
Chicago Area Timex Users Group

TREASURY NOTES

After our last transactions and other expenses, our balance stands at $265.00.

Our current paid membership stands at 22.

Al Feng, Treasurer
Chicago Area Timex Users Group

SECRETARY'S NOTEPAD

February 10, 1990

The meeting was called to order at 2:00 PM. Those present: Messrs. Brezina, Cooper, Donaldson, Feng, Majewski, Mills, Pashtoon, Sauter, Swoger, Ulreich, and Joy Carter, a guest of Steve Cooper.

We just received newsletters from the Capital District users group in our exchange program. Bob Swoger said he never knew of them until his vacation but understands that they are anxious to expand their newsletter. They are concerned about their small numbers but Bob wrote them encouraging them to just do all they could to hang on to the faithful that they have. The message? "Lets be survivalists!".

Bob Swoger noted that in one of the above newsletters, there were complaints from two TS2068 LarKen DOS users who said that they could only "talk" to each other in diode fashion. Because Bob had also experienced this problem with disks from Larry Kenny, he sent Mr. Jack Barron a disk which, when you run it, makes unreadable disks readable. The disk was a machine code gift from Larry Kenny, to which Bob added a BASIC driver. He believes that this program called "STEPRaTe.Bl" will fix their problem.

Lately, SNUG has gotten a lot of negative comment. We feel that if we were treated to the same, we'd be smarting from it, too, so we offer our sympathy. We feel strongly that constructive criticism is the only way to keep the Sinclair/ Timex flame alive. To that end, we offer our BBS for their use. Also, in line with stories about offers to SNUG to take over publication of Update magazine, it was felt that no one person could do what Update's editor is doing now -- covering all the S/T bases so well. If the editor really wants to get out, that's one thing. On the other hand, if the various newsletters could agree on a standard format similar to ours, Update could simply be an edited compilation of all group newsletters. This would relieve the editor of the worry about a need for fresh material. How does Update magazine or how do other newsletters/user groups feel about this?

[Al Feng reported that he received a first copy of the SNUG newsletter but left it behind. He reported that there were requests for suggestions and material.]

Bob Swoger, our editor, plans to see the year 2000 in with his TS2068 on his desk. He has had IBM and Macintosh under his fingertips and sees no reason to change. While there is input from both QL and 2068 users to this newsletter, he wants it known that the final formatting is done with TASWORD 2 - not Mscript or any other word processor program. The reason he uses 31 columns in this newsletter is that when the text is observed on our BBS using MTERM II and a 2068, one sees a full screen with no distorted words which perfectly fits on a 32 column screen with no double spacing. As most users are using TVs as monitors, 32 columns is best and double column 31 wide is quite readable in print. Our QL mavens keep trying to bring him to the age of enlightenment but Bob is a proud man. What else can we say?

A survey of those present showed that 90 percent of our group plan to attend the 1990 SMUG Fest in Milwaukee this June.

A Rainbow Fest is scheduled for April 6, 7, 8 in Schaumburg for Radio Shack computerists. Why mention it here? Remember Zebra? Zebra, who no longer supports us, plans to be there supporting Radio Shack Color Computer. Zebra will deliver two trunk loads of Sinclair goodies to Bob Swoger pass on to SMUG for sail at the FEST. If any one needs TS computer power supplies from Zebra at the FEST, contact Neal so that some will be made available. Look for A/D boards for TS computers, TALKERS, and INTERFACE project boards with BOOKS for same. 32 column printers will be there, both ALFACOM and TS. Every survivalist should have at least 2. ZEBRA will also supply

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TIMEX program tapes in case you are missing any in your collection.

Speaking of other brands, the mouse for the TS2068 is the Commodore 2-button mouse. It drives Artworx and ART STUDIO. It should be handy too for LarKen windows. Bob will let us know this summer.

A Magnavox RGB/composite 80 column monitor was brought for sale by John Ulreich and was taken by the end of the meeting.

A recent CATS newsletter announced 5-1/2" IBM 720K Mitsubishi half-height disk drives removed from equipment at $25 each w/o power supplies or enclosures suitable for QL users. Al Feng arranged a group buy and 8 drives were ordered.

Butch Weinberg, our president, took delivery on a PC-AT clone. He insists that it will help him to use his QL. But he wasn't at the meeting. Should we form a search party?

Meeting was adjourned at 2:48 PM.

A seminar followed, in which Nazir Pashtoon demonstrated his test jig for the TS2068 that has 24 input/output lines which he can program to check any unknown IC by going through all logical combinations. It is actuated by using a keyboard rather than by using switches as in a laboratory setup.

March 10, 1990

Meeting was called to order at 2:15 PM. Those present: Messrs. Brezina, Brooks, Sr. & Jr., Cooper, Donaldson, Feng, Lessenberry (Gary & Jeff), Mills, Pashtoon, Swoger, Weinberg.

Bill Brooks (father and son) attended their first meeting since learning about CATUG at the Indianapolis Convention. In typical CATUG fashion, they were accorded a warm welcome. Although using PCs at work,

they still have 3 T/S units at home. Their primary interest is in QL and TS2068 so, as a result, they were inundated with suggestions from each SIG. Note to those planning conventions: It may take a year or three for some folks to get out to a user group!

Bob Swoger was informed that Indiana has problems with LarKen disk interfaces. He's had none. So he made some comparisons between LarKen and JLO interfaces. JLO has something to key the slot which falls out. LarKen takes two pins and solders to them which prevents such a catastrophe. TS2068 owners, check your interfaces to make sure the key doesn't fall out! (Same goes for Z-Talkers.)

The long-awaited SNUG newsletter arrived. And with an article by our own Jim Brezina in it, too!

CATUG members will attend the SMUG Fest in Milwaukee to see, to learn, and to share. A motion was made and carried that all members - whether attending or not - will buy tickets for both days as a show of support to SMUG. A table with CATUG information will be manned by attending members.

Gary Lessenberry, in attempting to lessen his inventory of goodies before going to the South Seas, brought a couple of power supplies with disk drive connecting cables and a TEAC FD-55 BV06U disk drive for sale. Prices are/were negotiable. [Gary is still at his Great Lakes address. The MOUSE to use with the LarKen system is the COMMODORE 1351. Plug it into the KEMSTON joystick port and hold down the right button on the mouse while powering up the TS2068.]

Eight disk drives ordered by Al Feng at the last meeting were delivered in good condition.

Meeting was adjourned at 3:02 PM.

As our demo for the month, Bob Swoger brought in "Hunt the Wumpus", an Apple game program converted to TS1000, loaded into TS2068 by First Loader and modified by Bob to run better. It features a full 24 line screen display, what appears to to be 'partial' screen clears, and does not require the ENTER key at all! It is a text adventure in which "HUNT THE WUMPUS" appears on the screen at all times and ends with "visual gratification" when you kill the Wumpus! No machine code, it is written entirely in BASIC. Bob wrote it to show how pleasant screen appearance and logical inputting can be accomplished on our Sinclair machines.

John Donaldson, Secretary
Chicago Area Timex Users Group

GATOR's TWISTED PAIR

There is very little to report as to activity on the BBSs of either CATUG or SNUG. Since our announcement of the SNUG Illinois BBS there have been 36 logins to the guest account. There have been no uploads from the SNUG officers to date so there is not much reason to log into the BBS. I typed in the first two newsletters into the system but I refuse to do that anymore as I am no typist and the 'ones and zeros' are available to upload. I heard the cry go out from SNUG for workers and a BBS. I gave you the BBS to test your sincerity in your thought that you 'could do it if you had the help.' and you seem to be failing the test. Well, guys you have to help too, so 'defecate' or get off the POT!

We shall talk about it at the June meeting.

! ! ! R E M E M B E R ! ! !
We now have a 24 hour BBS and encourage you to exchange mail and contribute to the Download Section. Use it and have fun!

Bob Swoger, SYSOP
Chicago Area Timex Users Group

ITEMS FOR SALE THROUGH THE CLUB

No activity this month.

SPECIAL DEALS AND BUYS

CLUB POLICY
REGARDING SPECIAL PURCHASES

Each special buy will have a CHAIRMAN who will coordinate ALL ACTIVITY regarding a purchase. The CHAIRMAN will publicize the special buy through the newsletter and at the CATUG meetings. All inter-action will go through the CHAIRMAN and all checks will be sent to him, payable to the CHAIRMAN.

When the purchased goods arrive, the CHAIRMAN will see that they are distributed. All special buys must be PAID IN ADVANCE because the CATUG does not have enough funds to handle all of the buys without cash flow problems. So you MUST SEND A CHECK TO THE CHAIRMAN BEFORE THE DEADLINE or you will not be included in the special buy. The CHAIRMAN will contact the members on his interest list regarding deadlines and purchase price or alternately, it will appear in the NITE-TIMES newsletter.

Bob Swoger is the chairman for the following:
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
 256K RAM-DISK KIT for T/S 2068
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
LarKen RAM-Disk Operating system board built and tested, 256K RAM-DISK board with connectors only, no IC's. The Disk Drive controller board can be added later to control up to 4 more double sided drives. Battery back-up, all system software.

**** $88.00 postage paid. ***
Contact the chairman for more
details. There is no Qty. buy
necessary.   708/576-8068

ARTICLES

ALFA-BYTES #1
by the Tonkin Reader

There has recently been a lot
of discussion about what will
and will not be compatible
carry-over programs from the
Spectrum to the TS2068. The
determining factor seems to lie
in the exclusive use of fully
documented ROM calls. As any
good programmer knows, Basic,
which we find in ROM, is an
understandable combination of
assembly language instructions
called MNEMONICS, some of the
most common of which are JNP,
BRA, STA, BCC, LEA, ETC
(et cetera). The following are
a few of the lesser known
instructions that are present
in most, if not all computers.

```
ARG:Agree to Run Garbage
     (definitely the
     most often used
     euphemism among users)
DDS:Damage Disk and Stop
     (who hasn't seen this
     one?)
VMB:Verify and make bad
     (precedes ARG in
     operation)
SDJ:Send all Data to Japan
     (ever wonder where it
     went?)
TTC:Tangle Tape and Crash
     (created just for CCR
     users)
YII:Yield to Irresistible
     Impulse
     (occurs after VMB/ARG;
     results in purchase
     of new case)
KFP:Kindle Fire in Printer
     (need that report when?)
LNM:Launch Nuclear Missiles
     (you were on WHAT BBS?)
```

It's pretty certain that most
of us have experienced at least
one of the above, and this is
by no means an exhaustive
listing. Watch next time as
ALFA-BYTES brings you
additional tid-BYTES from the
Tonkin Reader.

TASWORD 2 V1.8 for LogiCall
by
Bob Swoger

Now that LogiCall [Dec 89 NTN]
is out in the world, you will
need a new driver for your
TASWORD 2 word processor.

This driver is a modification
of the one that Larry Kenny
sends out with his LK-DOS for
TS2068 package. It was modified
per the needs of both LogiCall,
Rod Gowen files and files made
before LK-DOS. After talking to
owners of TASWORD 2 for DOS, I
found the same complaints over
and over again, features had
been removed to add the DOS
features! There was no need for
this, so I put them back and
then some.

FEATURES:

1.) Includes all the original
    TASWORD 2 commands.

2.) Includes all LK-DOS modifi-
    cations.

3.) Includes EXIT back to
    LogiCall.

4.) Loads files with either 'j'
    or 'l'.

5.) Uses .CT as a default
    extender and locates it for
    you if not in positions 7,8
    or 9.

6.) Lets you select your own
    extender.

7.) Entering no filename at the
    request for filename prompt
    in the SAVE routine will
    SAVE the file using the
    same file name it LOADed
    in.

To call in the TASWORD 2 word
processor from LogiCall, just
enter 'W' at the PROGRAM?
prompt. TASWORD 2 will come
into your computer with the
text area clear [unlike Larry's
version] and in the menu mode.
Just select 'l' or 'j' to load
in a file. TASWORD 2 will then
ask you for the Drive number
you wish to load from and also
the file name you wish to load.

If the file name is X.CT or
X .CT or X .CT or X .CT or
X .CT or X .XT, just
enter X and the file will LOAD
into TASWORD 2. If you enter
the entire file name with the
extender, any '.C' extender, it
will also load in.

Saving is easier also. If you
are working on a files that you
loaded in earlier and you wish
to save it under the same file
name, just hit ENTER at the
filename prompt in the save
routine!

To exit back to LogiCall, go to
the menu and select 'e' or 'q'
[for 'exit' or 'quit'] and will
be back in LogiCall. Be sure
you have SAVED your w.p. file
first or it will be lost!

```
10 FOR i=VAL "64840" TO VAL "
64842": POKE i,NOT PI: NEXT i:B
ORDER VAL "7": PAPER VAL "7": I
NK VAL "9": CLS : LET a=USR VAL
"64330": GO TO VAL "20"
15 POKE VAL "23609",SGN PI: C
LEAR VAL "33279": GO SUB VAL"4e
3": GO SUB VAL "9050": PRINT AT
VAL "10",VAL "13"; FLASH SGN P
I;"LOADED": BEEP VAL ".042",VAL
"50": PAUSE VAL "2.8": BEEP VA
L ".042",VAL "50": LET a=USR VA
L "59081": GO TO VAL "30"
20 CLS : LET a=VAL "64"*INT (
a/VAL "64"+VAL "0.99"): IF a=NO
T PI THEN GO TO VAL "3e3"
30 GO SUB VAL "4e3": PRINT ''
"print text file p",,"save text
 file          s",,"load
 text file          j",,"merge te
xt file          m",,"ret
urn to text file          y",
,"define graphics/printer g",,"
directory of files
d",,"save TASWORD          t",,"e
xit to BASIC          b
"
70 PRINT #NOT PI;TAB VAL "11"
;"press key"
80 LET a$=INKEY$: IF a$="" TH
EN GO TO VAL "80"
90 LET i=NOT PI: LET b=CODE a
$: IF b<VAL "97" THEN LET b=b+V
AL "32"
100 IF b=VAL "112" THEN LET i=
VAL "4"
110 IF b=VAL "115" THEN LET i=
VAL "6"
120 IF b=VAL "106" OR b=VAL "1
08" THEN LET i=VAL "8"
130 IF b=VAL "109" THEN LET i=
VAL "10"
140 IF b=VAL "114" OR b=VAL "1
21" THEN LET i=VAL "12"
150 IF b=VAL "103" THEN LET i=
VAL "14"
160 IF b=VAL "100" THEN LET i=
VAL "16"
165 IF b=VAL "116" THEN LET i=
VAL "18"
170 IF b=VAL "98" OR b=VAL "10
1" OR b=VAL "113" THEN LET i=VA
L"20"
172 IF b=VAL "101" THEN PRINT
AT i,NOT PI;"exit          "
174 IF b=VAL "113" THEN PRINT
AT i,NOT PI;"quit          "
180 IF i>NOT PI THEN PRINT AT
i,VAL "31"; FLASH SGN PI;CHR$ b
;:GO TO VAL "500"
190 GO TO VAL "80"
200 CLS : GO SUB VAL "4e3": PR
INT AT VAL "4",VAL "8";"PRINT O
PTIONS": PRINT " just press EN
TER for default          values given
in brackets"
210 LET i=VAL "8": LET j0=VAL
"23": PRINT AT i,NOT PI;"Line s
pacing? (1)": GO SUB VAL "6e3":
IF a$="" THEN LET a$="1"
215 POKE VAL "62235",VAL a$
220 LET i=VAL "10": PRINT AT i
,NOT PI;"Start at line? (1)": G
O SUB VAL "6e3": IF a$="" THEN
LET a$="1"
230 LET c=VAL "64"*(INT VAL a$
-SGN PI): LET b=c+FN p(VAL"6221
6"): LET x=VAL "60045": GO SUB
VAL "950"
240 LET i=VAL "12": PRINT AT i
,NOT PI;"Finish at line? (last)
":GO SUB VAL "6e3": IF a$="" TH
EN LET b=a-c: GO TO VAL "250"
245 LET b=VAL "64"*INT VAL a$-
c
250 RANDOMIZE USR VAL "59806":
RANDOMIZE USR (FN p(VAL"62472")
)
260 CLS : PRINT AT VAL "20",NO
T PI;"Press the q key to quit p
rinting"
270 LET x=VAL "60049": GO SUB
VAL "950"
275 LET c=PEEK VAL "62470": IF
c<>NOT PI THEN LPRINT CHR$ c
280 RANDOMIZE USR VAL "60038"
285 LET c=PEEK VAL "62471": IF
c<>NOT PI THEN LPRINT CHR$ c
290 RANDOMIZE USR VAL "59806":
GO TO SGN PI
300 GO SUB VAL "4e3": PRINT "P
rinter control graphics chars:"
305 LET b=VAL "4": FOR i=NOT P
I TO VAL "15": LET b=ABS (b-VAL
```

```
"4"): PRINT AT i+VAL "4",b;i+VA
L "128";CHR$ (i+VAL "128")
 307 FOR j=NOT PI TO INT PI: LE
T c=PEEK (VAL "60860"+i*VAL"4"+
j): LET a$=STR$ c: IF c=VAL "25
5" THEN LET a$=""
 308 PRINT AT i+VAL "4",VAL "10
"+VAL "4"*j;a$: NEXT j: NEXT i
 320 INPUT "Type graphics chara
cter code 128-143 (ENTER if fin
ished)";a$
 325 IF a$="" THEN GO TO VAL "4
00"
 340 LET b=VAL a$: IF b<VAL "12
8" OR b>VAL "143" THEN GO TO VA
L"320"
 350 PRINT AT VAL "21",PI; FLAS
H SGN PI;b; FLASH NOT PI;" ";CH
R$ b
 355  FOR j=NOT PI TO INT PI: P
OKE (VAL "60348"+b*VAL "4"+j),V
AL"255": NEXT j
 360 FOR j=NOT PI TO INT PI:INP
UT "Code? (ENTER if finished)";
a$: IF a$="" THEN GO TO VAL "30
0"
 370 POKE (VAL "60348"+b*VAL "4
"+j),VAL a$: PRINT AT VAL"21",V
AL "10"+VAL "4"*j;VAL a$: NEXT
j: GO TO VAL "300"
 400 CLS : GO SUB VAL "4e3": PR
INT AT INT PI,NOT PI;"Reset int
erface/printer codes?": LET i=V
AL "5": GO SUB VAL "920": CLS:I
F i=NOT PI THEN GO TO VAL "25"
 401 GO SUB VAL "4e3": PRINT AT
 INT PI,NOT PI;"just ENTER to k
eep values given:"
 403 LET j0=VAL "27": LET i=VAL
 "8": LET j=NOT PI: LET a$="Int
erface control code1=": LET x=V
AL "60924": GO SUB VAL"850"
 404 LET i=VAL "9": LET j=VAL "
18": LET a$="code2=": LET x=VAL
"62470": GO SUB VAL "850"
 405 LET i=VAL "10": LET j=VAL
"18": LET a$="code3=": LET x=VA
L"62471": GO SUB VAL "850"
 406 LET i=VAL "11": PRINT AT i
,VAL "18";"code4=";FN p(VAL"624
72"): LET i=VAL "12": LET j0=VA
L "24": GO SUB VAL "6e3": LET j
0=VAL "27": IF a$<>"" THEN LET
b=VAL a$: LET x=VAL "62472": GO
 SUB VAL "950"
 410 LET i=VAL "14": LET j=NOT
PI: LET a$="Printer carriage re
turn=": LET x=VAL "60925": GO S
UB VAL "850"
 420 LET i=VAL "16": LET j=NOT
PI: LET a$="Printer linefeed=":
LET x=VAL "60926": GO SUB VAL "
850"
 430 LET i=VAL "18": LET j=NOT
PI: LET a$="Left margin on prin
```

```
ting=": LET x=VAL "60927": GO S
UB VAL "850"
 490 GO TO VAL "20"
 500 INPUT "": PRINT #NOT PI;"
press the "; FLASH SGN PI;"ENTE
R"; FLASH NOT PI;" key to proce
ed   press "; FLASH SGN PI;"c";
 FLASH NOT PI;" to change the c
hoice  "
 510 LET a$=INKEY$: IF a$="c" O
R a$="C" THEN CLS : GO TO VAL"3
0"
 520 IF CODE a$=VAL "13" OR a$>
="0" AND a$<="4" THEN BEEP VAL"
.001",VAL "34.4": GO TO VAL "60
0"
 530 GO TO VAL "510"
 600 IF b=VAL "100" THEN GO TO
VAL "700"
 610 IF b=VAL "114" OR b=VAL "1
21" THEN GO TO SGN PI
 620 IF b=VAL "115" THEN CLS :G
O TO VAL "1e3"
 630 IF b=VAL "109" THEN GO TO
VAL "2e3"
 640 IF b=VAL "106" OR b=VAL "1
08" THEN LET a=USR VAL "59081":
LET a=NOT PI: GO TO VAL "2e3"
 650 IF b=VAL "112" THEN GO TO
VAL "200"
 660 IF b=VAL "103" THEN GO TO
VAL "300"
 670 IF b=VAL "116" THEN GO TO
VAL "9990"
 680 IF b=VAL "101" OR b=VAL "1
13" THEN GO TO VAL "9998"
 690 CLS : STOP : RUN
 700 GO SUB VAL "5e3": PAUSE NO
T PI: CLS : GO TO VAL "30"
 850 PRINT AT i,j;a$;PEEK x: GO
 SUB VAL "6e3": IF a$<>"" THEN
POKE x,VAL a$
 860 RETURN
 920 PRINT AT i,VAL "4";"press
y  for yes";AT i+VAL "2",VAL"11
";"n  for no"
 930 IF INKEY$="n" OR INKEY$="N
" THEN LET i=NOT PI: RETURN
 940 IF INKEY$="y" OR INKEY$="Y
" THEN LET i=SGN PI: RETURN
 945 GO TO VAL "930"
 950 POKE x,b-VAL "256"*INT (b/
VAL "256"): POKE (x+SGN PI),INT
 (b/VAL "256"): RETURN
1000 GO SUB VAL "5e3": PRINT #N
OT PI;"Enter name of file to SA
VE        Maximum 6 letters ": LE
T i=VAL "20": LET j0=NOT PI: GO
 SUB VAL "6e3": IF a$<>"" THEN
LET f$=a$
1010 IF LEN f$>VAL "9" THEN CLS
:PRINT AT VAL "12",NOT PI;"too
many characters - max is 6": GO
 TO VAL "1e3"
1020 IF LEN f$=NOT PI THEN CLS:
```

9

```
PRINT AT VAL "12",PI;"there mus          KE VAL "23329"+i,CODE a$(i): NE
t be a name": GO TO VAL "1e3"            XT i
1030 IF LEN f$>PI THEN IF f$(LE          3060 LET a=USR VAL "64955": LET
N f$-VAL "2")="." THEN GO TO VA          a=USR VAL "64333": GO TO VAL"20
L"1050"                                  "
1040 LET f$=f$+".CT": IF LEN f$          4000 CLS : PRINT AT NOT PI,VAL
>VAL "9" THEN LET f$=f$( TO VAL          "10";"TASWORD 2";AT SGN PI,PI
"6"): GO TO VAL "1040"                   ;"Tasman Software 1983  V1.8":
1050 PRINT #VAL "4": SAVE f$COD          RETURN
E b,a                                    5000 INPUT "": PRINT #NOT PI;"D
1060 CLS : PRINT AT VAL "8",NOT          rive?": PAUSE NOT PI
 PI;"text file ";f$;" saved:";A          5010 LET d$=INKEY$: IF d$="t" O
T VAL "10",NOT PI;a;" bytes,",a          R d$="T" THEN CLS : INPUT "":PR
/PEEK VAL "62237";" lines": PAU          INT #NOT PI;"Start tape": LOAD
SE VAL "400": GO TO SGN PI               ""CODE : GO TO SGN PI
2000 GO SUB VAL "5e3": PRINT #N          5020 IF d$<"0" OR d$>"4" THEN G
OT PI;"Enter name of file to LO          O TO VAL "5e3"
AD ": LET i=VAL "20": LET j0=NO          5030 PRINT #VAL "4": GO TO VAL
T PI: GO SUB VAL "6e3": IF a$<>          d$: CLS : PRINT #VAL "4": CAT".
"" THEN LET f$=a$                        C^",: RETURN
2010 IF LEN f$>PI THEN IF f$(LE          6000 LET b=FN p(VAL "62216"): L
N f$-VAL "2")="." THEN GO TO VA          ET a$="": PRINT AT i,j0; FLASH
L"2040"                                  SGN PI;" ": LET j=j0
2030 LET f$=f$+".CT": IF LEN f$          6010 IF INKEY$<>"" THEN GO TO V
>VAL "9" THEN LET f$=f$( TO VAL          AL "6010"
"6"): GO TO VAL "2030"                   6020 PAUSE NOT PI: LET b$=INKEY
2040 PRINT AT VAL "20",NOT PI;:          $
POKE VAL "23728",VAL "100":PRIN          6030 IF CODE b$=VAL "13" THEN P
T #VAL "4": LOAD f$CODE (a+b),(          RINT AT i,j;" ": RETURN
(FN p(VAL "62221")+VAL"22")*VAL          6040 IF CODE b$<>VAL "12" THEN
"64"-a)                                  GO TO VAL "6070"
2050 IF PEEK VAL "23728"=VAL "1          6050 IF j=j0 THEN GO TO VAL "62
01" AND LEN f$<VAL "9" THEN LET          00"
 f$=f$( TO LEN f$-PI)+" ": GO T          6060 LET j=j-SGN PI: PRINT AT i
O VAL "2020"                             ,j; FLASH SGN PI;" "; FLASH NOT
2060 IF PEEK VAL "23728"=VAL "1           PI;" ": LET a$=a$( TO j-j0): G
01" THEN CLS : PRINT #VAL "4":C          O TO VAL "6200"
AT ".C^",: GO TO VAL "2e3"               6070 IF CODE b$<VAL "32" OR COD
2070 GO TO SGN PI                        E b$>VAL "127" THEN GO TO VAL"6
3000 FOR i=VAL "23296" TO VAL "          200"
23361": POKE i,VAL "32": NEXT i          6080 BEEP VAL ".001",VAL "34.4"
3005 POKE VAL "23362",NOT PI             : PRINT AT i,j;b$;FLASH SGN PI;
3010 PRINT AT VAL "8",NOT PI;"t          " ":LET j=j+SGN PI: LET a$=a$+b
ype word to be replaced / found          $
"                                        6090 IF j=VAL "32" THEN PRINT A
3012 LET j0=NOT PI: LET i=VAL "          T i+SGN PI,NOT PI;" ": RETURN
10": GO SUB VAL "6e3": IF a$=""          6200 IF INKEY$<>"" THEN GO TO V
 THEN RUN                                AL "6200"
3020 LET j=NOT PI: FOR i=SGN PI          6210 GO TO VAL "6020"
 TO LEN a$: POKE VAL"23297"+i,C          7000 DEF FN p(x)=PEEK x+VAL "25
ODE a$(i): IF a$(i)=" " THEN LE          6"*PEEK (x+SGN PI)
T j=j+SGN PI                             8000 STOP
3021 NEXT i                              9000 BEEP VAL ".15",VAL "5": PA
3022 IF j<>NOT PI THEN CLS : PR          PER SGN PI: INK VAL "7": BORDER
INT AT VAL "12",NOT PI;"just a            SGN PI: CLS : GO SUB VAL "4e3"
word - no spaces allowed": GO T          9010 PRINT #VAL "4": LOAD "Tasw
O VAL "3e3"                              or.C1"CODE
3025 POKE VAL "23297",LEN a$             9020 POKE VAL "23658",NOT PI: G
3030 PRINT AT VAL "12",NOT PI;"          O TO VAL "15"
with (just ENTER for find only)          9050 POKE VAL "57999",VAL "127"
":LET i=VAL "14": GO SUB VAL "6          :POKE VAL "58001",VAL "103":POK
e3"                                      E VAL "58008",VAL "127": POKE V
3040 IF a$="" THEN POKE VAL "23          AL "58014",VAL "219": POKE VAL
362",SGN PI: GO TO VAL "3060"            "58015",VAL "127": RETURN
3050 FOR i=SGN PI TO LEN a$: PO          9992 BEEP VAL ".15",VAL "5": PR
```

```
INT #VAL "4": SAVE "TASWOR.BA"L
INE VAL "9e3": REM PRINT #VAL "
4": SAVE "Taswor.C1"CODE VAL"54
784",VAL "10771"
9994 BEEP VAL ".042",VAL "50":
PAUSE VAL "2.8": BEEP VAL".042"
,VAL "50"
9998 PRINT #VAL "4": LOAD "L.B1
"
```

QL MENUE
by
Butch Weinberg
PDS DOC

Well, this time a little something on my "menue" program. I originally wrote it so I could go back and forth between a group of my programs without having to stop and type in individual LOAD commands.

The "menue" program is written in QL SuperBASIC. The following LISTing is the program currently found in our CATUG Public Domain Library (the programs included in the "menu" are also available in the CATUG PDL).

```
10 REMark menu for multiple
   programs
15 PAPER 7: INK 4
20 CLS: CSIZE 2,1: PRINT\ TO
   12; 'MENU'
30 CSIZE 0,0
40 CSIZE 0,1: PRINT\ TO 10,
   'Programs on this cart.'
45 CSIZE 0,0
50 PRINT\ TO 10;
   '1> Check Wrighter'
60 PRINT TO 10;'2> Banner'
70 PRINT TO 10;
   '3> Spin The Bottle'
80 PRINT TO 10;'4> Listing (fo
r   merging only)'
90 PRINT TO 10;'5> Poster
   Maker'
140 PRINT TO 10;'9> TO QUIT'
200 PRINT #0;'press the # of
    the one you want'
220 in$=INKEY$(-1)
221 in=in$
222 ON in GO TO 240, 260, 280,
    300, 320, 340, 220, 360
240 CLS: CSIZE 2,1:PRINT\\
    TO 10; 'LOADING'\\ TO 3;
    'CHECK WRIGHTER':
    LRUN flp1_check: END IF
260 CLS: CSIZE 2,1: PRINT\\
    TO 10;'LOADING'\\ TO 3;
    'BANNER': LRUN flp1_banner
:    END IF
```

```
280 CLS: CSIZE 2,1: PRINT\\
    TO 10; 'LOADING'\\ TO 3;
    'SPIN THE BOTTLE':
    LRUN flp1_stb: END IF
300 CLS: CSIZE 2,1:
    PRINT\\ TO 10; 'LOADING'\\
    TO 3; 'LISTING':
    LRUN flp1_listing: END IF
320 CLS: CSIZE 2,1:
    PRINT\\ TO 10; 'LOADING'\\
    TO 3; 'POSTER MAKER':
    LRUN flp1_poster_maker:
    END IF
360 PAPER 7: INK 2: CLS:
    CSIZE 2,1: PRINT\\\\ TO 4;
    'OK YOU ARE BACK IN BASIC'
:    END IF
```

Modify this program by changing the names in the PRINT and LOAD statements to correspond to your own programs.

I have further modified a version of this program to access two "screen pages" to LOAD a total of 18 files. This program can't be too bad a program because Al Feng said that he liked it enough to use a modification of it for use on one of his own disks!

Next time: 'DATING' (my "dating game" program).

CLASSIFIED ADS

To put an AD in the Computer related section of the BBS, put a file in your account with the filename.filetype: COMPUTER.ADS ! ! ! Our ADS are free ! ! ! !

AD BY: TONY SOKOL   ON 900112
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
RadioShack 4CH HandHeld Scanner
This is the old style $ch xtal-
controlled vhf/uhf portable
with charger. $35
CALL TONY SOKOL   708-428-4058

To put an AD in the Ham section
of the BBS, put a file in your
account   with   the
filename.filetype: HAM.ADS

FOR SALE: ON 900209
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
HEATHKIT SB100 100W TRANSCEIVER
W/POWER SUPPLY, MANUAL, CW KEYS
AND   EVERYTHING   ELSE   IN   THIS
NOVICE STATION. $125
LEN KRAUS   W708/576-2237
        AFTER 6PM H708/459-4142

AD BY: TONY SOKOL   ON 900112
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
PHILLIPS PM6661   FREQ COUNTER
COMPACT   80 MHZ   FREQ COUNTER
INCLUDES   SENCORE 600 MHZ
PRESCALER $175
CALL TONY SOKOL   708/428-4058

AD BY: TONY SOKOL   ON 900112
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
HOME-BRU 2MTR SSB AMP 125 Watts
out for 3 to 10 Watts input.
Profesionally built 5894 with
tuned line tank circuit. This
unit has built-in pwr sply and
relay switching all constructed
in a DOZY cabinet. $175
CALL TONY SOKOL   708/428-4058

AD BY: TONY SOKOL   ON 900112
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
D1010N MIRAGE UHF 100 Watt AMP
100 watts out for 10 watts in.
Bought and never used!.... $200
CALL TONY SOKOL   708/428-4058

AD BY: TONY SOKOL   ON 900112
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
RadioShack 4CH HandHeld Scanner
This is the old style $ch xtal-
controlled vhf/uhf portable
with charger. $35
CALL TONY SOKOL   708/428-4058

FOR SALE: ON 890710
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
COLLINS 75A4 RCVR $200
JIM MITZLAFF.......708/506-0805

FOR SALE: ON 890524
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
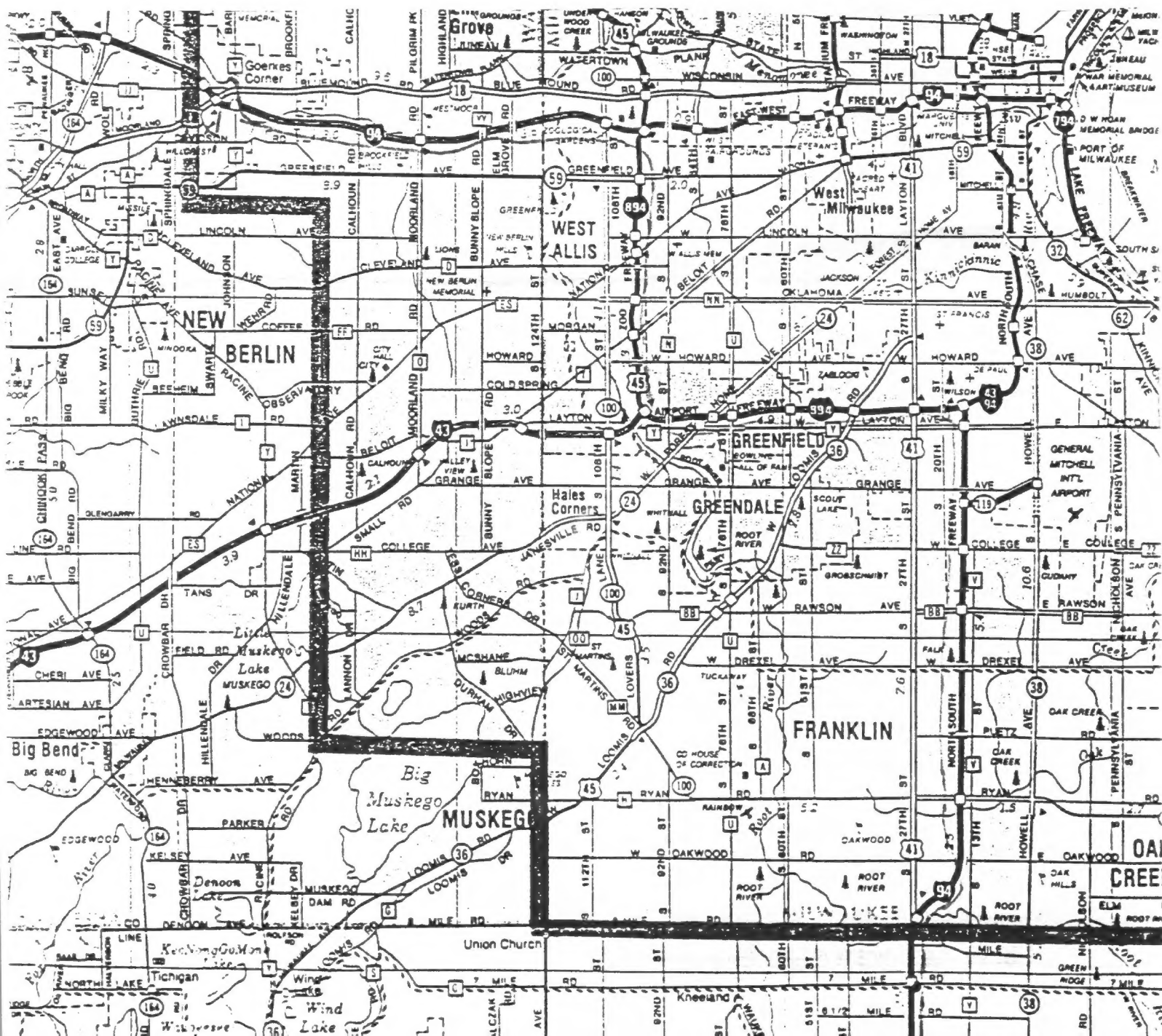Ham gear - Yaesu FT767GX w/all

options except 6M module. Ken-
wood TM421 35 watt 450 mobile.
Heath remote coax switch. Heath
HF dual watt/swr meter. TET HF
beam. Call 708/350-3865

FOR SALE: ON 890323
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
MJF-482B memory keyer. 100 char
total in 4 channels. Like new.
Asking $60 or will trade for
MJF-1020A or MFJ-1024 active
swl antenna.
Dave NT9E 708/658-3767

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HOW TO GET TO THE EXPO IN MILWAUKEE

Take I94 around Chicago to Milwaukee. Although the Sinclair Computer Expo will be in Waukesha Wisconsin you may not be able to find it on a map. Waukesha is a smaller suburb of Milwaukee about 10 miles west of Milwaukee. Follow the map and you should get close without any problems. As you travel north on I94 you will pass the airport exit. This exit is about 2 miles south of 894. 894 is a left hand exit so get into either of the left two lanes. Take 894 west, about 5 miles. It will then turn north and join 45. This is a right hand exit. Follow 894/45 north for about another 5 miles to I94. National Ave. exit is about 2 miles before this exit. When reaching National Ave. move to the left hand lane as I94 west will be another left hand exit. Take I94 west although the exit sign says Madison. Don't worry almost there. There will be exits 304 A/B, highway 100, 301 A/B, Moorland Road, prior to the exit you want. Take exit 297 a right hand exit. This exit will be for hy's 18 and Y. You need highway 18 so after leaving I94 stay on the exit. The first off ramp is hy Y. Now exit to hy 18 west. Follow 18, Moreland, to the first set of lights. This should be Klossow. Left is the cop shop and right are stores. Follow Klossow to the right around the curve past the Target store. The Holiday Inn will be on the right.

S.M.U.G. Presents

The 1990 SINCLAIR COMPUTER Exposition

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Location

WAUKESHA HOLIDAY INN (414) 786-0460

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	in advance	at the door	
One day	: $ 4.00	$ 5.00	
Both days	: $ 7.00	$ 9.00	
Banquet	: $16.00	$16.00	Limited seating
Table	: $25.00 (incld. 2 day badge)	$25.00	Limited table space

Tables are 6 feet by 30 inches

For MORE INFORMATION contact

Bill Heberlein   Neal Schultz

5052 N. 91st Street   or   call 7 - 10pm

Milwaukee, WI 53225   (414) 353-4522

for RESERVATIONS mail to:

Expo Reservations
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- -

Name _____ Phone (_____) _____

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Please reserve _____ one day badge	@ $ 4.00	each = $_____
Please reserve _____ two day badges	@ $ 7.00	each = $_____
Please reserve _____ Banquet tickets	@ $16.00	each = $_____
Please reserve _____ 6' x 30" tables	@ $25.00	each = $_____
I have included a check/money order	for	total = $_____